

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Currently Amended) A heart beat signal wireless transmitter comprising:

a body having two sides, which constructs a modular structure having a PC board carrying a signal transmitter and a clamp provided on the two sides of the body, and a pair of detachable fastening belts connected to the two sides of the body separately through the clamp, wherein:

each detachable fastening belt of said pair of detachable fastening belts is made of fabric material with a waterproof water fast property which a front part is made of conductive fabric and formed in electrical connection with the PC board inside the body.

2. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 1, wherein each detachable fastening belt is made of both the conductive fabric and a non-conductive fabric.

3. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 1, wherein the conductive fabric of each detachable fastening belt is made of one of the materials of intrinsically conductive polymer, compounds with conductive fiber and electronic fabric.

4. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 2, wherein the conductive fabric of each detachable fastening belt is made of one of the materials of intrinsically conductive polymer, compounds with conductive fiber and electronic fabric.

5. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 1, wherein the pair of detachable fastening belts is fixed on an underwear by sewing.

6. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 2, wherein the pair of detachable fastening belts is fixed on an underwear by sewing.

7. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 1, wherein the pair of detachable fastening belts is fixed on a bra by sewing.

8. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 2, wherein the pair of detachable fastening belts is fixed on a bra by sewing.

9. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 1, wherein an end portion of the pair of detachable fastening belts has a buckle assembly for buckling the fastening belt.

10. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 2, wherein an end portion of the pair of detachable fastening belts has a buckle assembly for buckling the fastening belt.

11. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 1, wherein said clamp comprises a clamping plate having a saw-toothed grip piece on the underside is pivotally installed on the two sides of the body, such that said clamping plate can be lifted up and pressed down around the center of the pivot.

12. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 2, wherein said clamp comprises a

clamping plate having a saw-toothed grip piece on the underside is pivotally installed on the two sides of the body, such that said clamping plate can be lifted up and pressed down around the center of the pivot.

13. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 1, wherein a slip plate having a saw-toothed grip piece on an underside is installed on the two sides of the body through a tenon-slot structure.

14. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 2, wherein a slip plate having a saw-toothed grip piece on an underside is installed on the two sides of the body through a tenon-slot structure.

15. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 1, wherein a press-in cover equipped with a spring snap piece having a saw-toothed grip piece on an underside is installed on the two sides of said body.

16. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 2, wherein a press-in cover

equipped with a spring snap piece having a saw-toothed grip piece on an underside is installed on the two sides of said body.

17. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 1, wherein a female connecting hole is provided on the conductive fabric of each detachable fastening belt, and a male connecting head is provided on the two sides of said body.

18. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 2, wherein a female connecting hole is provided on the conductive fabric of each detachable fastening belt, and a male connecting head is provided on the two sides of said body.

19. (Previously Presented) The heart beat signal wireless transmitter as defined in claim 2, wherein the non-conductive fabric of the detachable fastening belt is arranged on one side that is adapted for attachment to a user's undergarment.

20. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 1, wherein a first belt of the pair of detachable fastening belts is connected to the PC board

~~as a~~ and adapted to be a positive electrode and a second belt of the pair of detachable fastening boards is connected to the PC board ~~as a~~ and adapted to be a negative electrode.

21. (New) A method of monitoring a person's heart beat, the method comprising:

attaching an electronic wireless transmitter to electrically conductive fabric straps sewn into a washable garment of clothing;

placing the garment of clothing on the person whose heart beat is to be monitored so as to create electrical contact between the person's skin and the fabric strips and thereby complete an electrical circuit for the transmitter through the person's skin that provides heart beat signals to the transmitter; and

detaching the transmitter from the fabric straps so that the clothing garment may be washed without damaging the transmitter.

22. (New) A heart beat signal wireless transmitter comprising:

a washable garment of clothing having conductive fabric straps sewn into the garment so as to make electrical contact with the skin of a person wearing the garment; and

an electronic wireless transmitter that is removably attachable to the fabric straps, and when attached, the fabric straps serve as electrodes for the transmitter, wherein:

when the transmitter is attached to the conductive fabric straps so as to complete an electrical circuit through the person's skin, the transmitter receives an electrical signal of the person's heart beat, and

when the transmitter is detached from the conductive straps, the garment may be washed without damaging the transmitter.